

To: Allen, HarryL[Allen.HarryL@epa.gov]; Black, Ned[Black.Ned@epa.gov]
From: Calanog, Steve
Sent: Sat 8/15/2015 1:05:08 AM
Subject: Fwd: HIGH PRIORITY--River System Characteristics

I think we have USGS contacts but this person has offered assistance with regards to river historic background data

v/r
Steve Calanog
Federal On-Scene Coordinator
US EPA Region IX

415-595-8350

Sent from my iPhone

Begin forwarded message:

From: "Ostrander, David" <Ostrander.David@epa.gov>
Date: August 14, 2015 at 6:50:19 PM MDT
To: "Calanog, Steve" <Calanog.Steve@epa.gov>
Cc: "Ruhl, Christopher" <Ruhl.Christopher@epa.gov>
Subject: Fwd: HIGH PRIORITY--River System Characteristics

Can you please be sure this USGS person is contacted. Thanks

Sent from my iPhone

Begin forwarded message:

From: "Card, Joan" <Card.Joan@epa.gov>
Date: August 14, 2015 at 6:08:13 PM MDT
To: "Ostrander, David" <Ostrander.David@epa.gov>, "Ruhl, Christopher" <Ruhl.Christopher@epa.gov>
Cc: "McGrath, Shaun" <McGrath.Shaun@epa.gov>
Subject: Fwd: HIGH PRIORITY--River System Characteristics

David, Chris, can you confirm that the data team is connected to with USGS on this issue? It's a high priority.

Joan Card
Senior Policy Advisor

Region 8

Sent from my EPA iPhone

Begin forwarded message:

From: "Card, Joan" <Card.Joan@epa.gov>
Date: August 14, 2015 at 9:01:05 AM MDT
To: "Horton, Robert" <rhorton@usgs.gov>
Cc: "Ostrander, David" <Ostrander.David@epa.gov>, "Ruhl, Christopher" <Ruhl.Christopher@epa.gov>, "Hestmark, Martin" <Hestmark.Martin@epa.gov>, "McGrath, Shaun" <McGrath.Shaun@epa.gov>, "Cheatham, Reggie" <cheatham.reggie@epa.gov>
Subject: **HIGH PRIORITY--River System Characteristics**

Bob, thanks for the conversation just now about apparent spikes or pulses in certain parameters showing in the water quality data on the San Juan and Animas Rivers. It makes sense that the rain events and stormwater flows would be a factor. As we discussed, you'll get your experts on this asap so we can help the data teams answer this question and we can factor it into our analysis.

The EPA Area Commander and his Deputy are copied on this email, so please "reply all" so the USGS information gets to Area Command and quickly as possible.

Joan Card
Senior Policy Advisor
Office of the Regional Administrator
EPA, Region 8 (CO, MT, ND, SD, UT, WY)
1595 Wynkoop
Denver, CO 80202

(303) 312-6468